## What is claimed is:

1. A method for releasing fluid medicaments at a site in the vasculature of a patient to prevent a restensis in the lumen of a vessel comprising the steps of:

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providing an expanding member defining an axis and having a plurality of dispensers mounted on said expanding member for movement therewith, said dispensers being positioned in a plane oriented substantially perpendicular to said axis;

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advancing said expanding member through the vasculature to the site:

) the site

moving said expanding member between a first configuration wherein said dispensers are positioned substantially adjacent said axis of said expanding member, and a second configuration wherein said dispensers are radially extended from said axis for contact with the vessel wall at the site in the vasculature; and

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releasing said fluid medicament through said dispensers into the vessel wall for a substantially circumferential dispersion of said fluid medicament through said wall around the lumen of the vessel.

- The method of claim 1 wherein said fluid medicament inhibits
  the proliferation of smooth tissue growth in the vessel.
  - 3. The method of claim 1 wherein said fluid medicament comprises a radioactive isotope.
  - 4. The method of claim 1 wherein said fluid medicament stimulates the production of collateral vessels.

- 5. The method of claim 1 wherein said fluid medicament comprises <sup>99m</sup>Tc (Technetium 99).
- 6. The method of claim 1 wherein said fluid medicament partly precipitates at approximately a vessel pH level of the vessel.
- 5 7. The method of claim 1 wherein said fluid medicament comprises a binder which binds to at least a portion of the vessel wall.
  - 8. The method of claim 1 wherein said fluid medicament comprises <sup>32</sup>P(Phosphorous 32).
- 9. The method of claim 1 wherein said fluid medicament comprises10 a gene for gene therapy.

10. A method for releasing fluid medicaments into a vessel wall of a patient to treat for a vessel disease at a treatment site, the vessel wall including a plurality of internal layers with one of the layers being a target layer, the method comprising the steps of:

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providing an expanding member defining an axis and having a plurality of dispensers mounted thereon for movement therewith, said dispensers being positioned in a plane oriented substantially perpendicular to said axis;

advancing said expanding member through the vessel to the site:

moving said expanding member between a first configuration wherein said dispensers are positioned substantially adjacent said axis of said expanding member, and a second configuration wherein said dispensers are radially extended from said axis for penetrating into the target layer of the vessel wall; and

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releasing said fluid medicament through said dispensers into the target layer of the vessel wall for a substantially circumferential dispersion of said fluid medicament through said target layer of said wall around the lumen of the vessel.

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- 11. The method of claim 10 wherein the vessel wall is an artery having an intima layer and the target layer is the intima layer.
- 12. The method of claim 11 wherein said fluid medicament inhibits the proliferation of smooth tissue growth in the vessel.
- 13. The method of claim 11 wherein said fluid medicament25 comprises a radioactive isotope.

- 14. The method of claim 11 wherein said fluid medicament stimulates the production of collateral vessels.
- 15. The method of claim 11 wherein said fluid medicament comprises <sup>99m</sup>Tc (Technetium 99).
- 5 16. The method of claim 11 wherein said fluid medicament partly precipitates at approximately a vessel pH level of the vessel.
  - 17. The method of claim 11 wherein said fluid medicament comprises a binder which binds to at least a portion of the vessel wall.
- 18. The method of claim 11 wherein said fluid medicament 10 comprises <sup>32</sup>P(Phosphorous 32).
  - 19. The method of claim 11 wherein said fluid medicament comprises a gene for gene therapy.

20. A method for releasing fluid medicaments into an arterial wall of a patient to treat for an arterial disease at a treatment site, the arterial wall including a media layer, the method comprising the steps of:

providing an expanding member defining an axis, and having a plurality of dispensers mounted thereon for movement therewith, said dispensers being positioned in a plane oriented substantially perpendicular to said axis;

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advancing said expanding member through the artery to the site;

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moving said expanding member between a first configuration wherein said dispensers are positioned substantially adjacent said axis of said expanding member, and a second configuration wherein said dispensers are radially extended from said axis for penetrating into the media layer of the arterial wall; and

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releasing said fluid medicament through said dispensers into the target layer of the arterial wall for a substantially circumferential dispersion of said fluid medicament through said media layer of said wall around the lumen of the artery.

- 21. The method of claim 20 wherein said fluid medicament inhibits20 the proliferation of smooth tissue growth in the vessel.
  - 22. The method of claim 20 wherein said fluid medicament comprises a radioactive isotope.
  - 23. The method of claim 20 wherein said fluid medicament stimulates the production of collateral vessels.

- 24. The method of claim 20 wherein said fluid medicament comprises <sup>99m</sup>Tc (Technetium 99).
- 25. The method of claim 20 wherein said fluid medicament partly precipitates at approximately a vessel pH level of the vessel.
- 5 26. The method of claim 20 wherein said fluid medicament comprises a binder which binds to at least a portion of the vessel wall.
  - 27. The method of claim 20 wherein said fluid medicament comprises <sup>32</sup>P(Phosphorous 32).
- 28. The method of claim 20 wherein said fluid medicament10 comprises a gene for gene therapy.